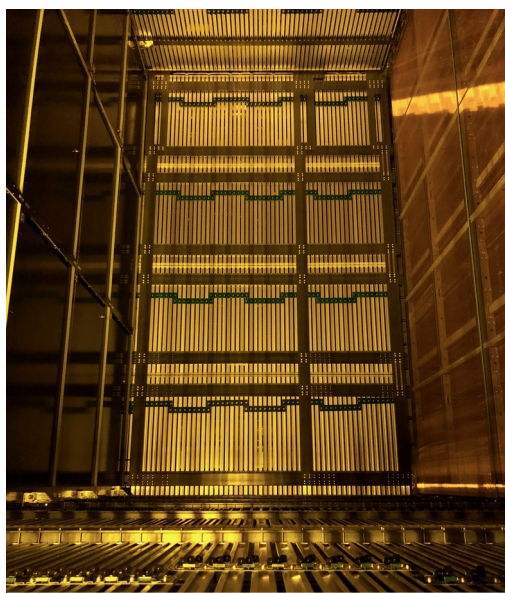


Installation: some information

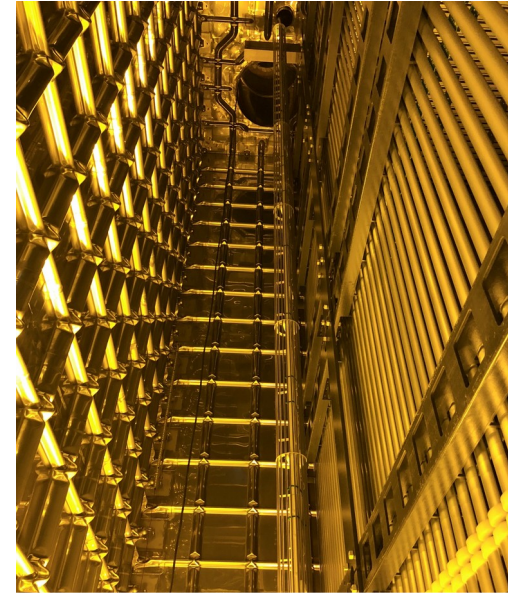
ProtoDUNE-SP DAP Meeting
June 28th, 2018



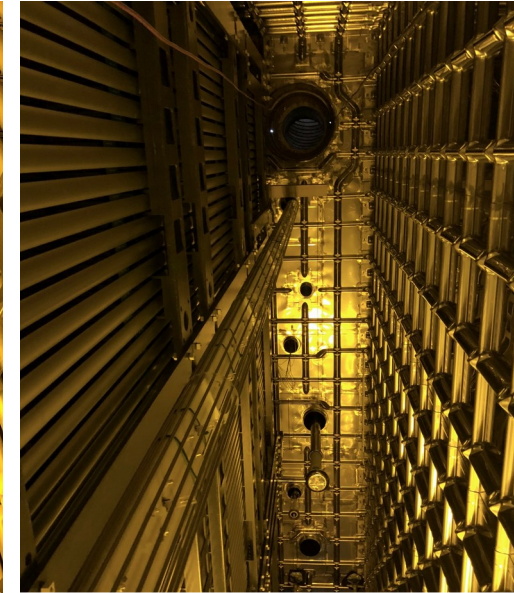
TPC Beam Right



TPC Beam Left



Static (Valencia) Profiler



HV FT

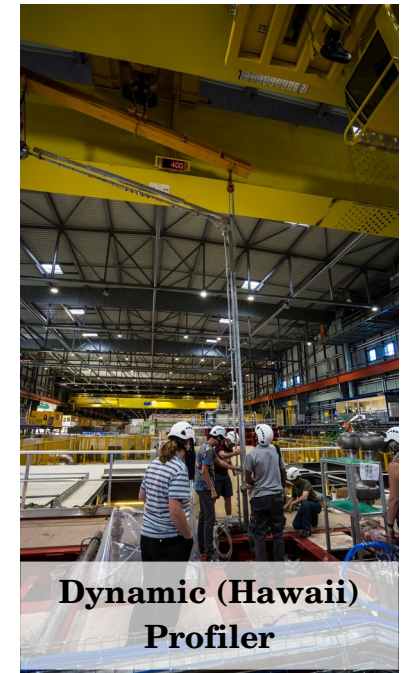
We are (almost) done!



Purity Monitor



CRT



**Dynamic (Hawaii)
Profiler**

- TPC: Completed (as of last Saturday) ✓
- Cameras and lighting: 99% completed (only missing 1 camera to be installed once scaffolding goes out)
- Dynamic Hawaii T profiler: Completed (as of yesterday) ✓
- Static Valencia T profiler: Completed (testing sensors today) ✓
- Purity Monitors installation: Completed (left to connect PC, PS, Xenon lights) ✓
- CRT installation: 50% completed (downstream wall done, upstream wall installation started today. Cabling next week)
- HV system installation: Completed ✓

Still to do

- Remove scaffolding, and last part of false floor, install last camera → between today and tomorrow
- Safety inspection of HV system → tomorrow afternoon
- Leak check of all flanges → this weekend
- Complete warm cabling → this week and next
- Find last grounding short (after clean up)
- Final check out tests

During cryogenic operations: important dates

- **July 4th**: Reception by HSE of the cryogenic system (previously scheduled for the 3rd)
- **July 5th – 6th**: purging of cryogenic pipes without cryostat
- **July 9th** (Monday): cryostat purge start. 4 weeks allocated for purge and cooldown
- **August 6th** (Monday): cryostat filling starts. 4 weeks, 40 trucks, 2/3 trucks per day
- **August 30th: cryostat full**
- Free access to all EHN1 areas until July 8th
- Restricted access to cryostat roof and DCS racks from July 9th till August 30th
- Free access to DAQ barrack ANYTIME
- **From August 27th**: access to EHN1 building (and any area) possible only with dosimeter.